

[57] Abstract

A method for treating a web of paper or board with a wetting substance or calendering the web prior to the cylinder dryer section of a paper- or boardmaking machine while the solids content of the web is still very low, typically in the range of 10 - 60 %, wherein the web can be conveyed when so desired fully supported from the wire section of the paper- or board-making machine up to the winder, while simultaneously utilizing the quality benefits obtained from a controlled reduction of the web moisture content and dewatering of the same. The web is conveyed supported by a transfer belt (9) through at least one web surface treatment apparatus such as a coater station (S1B) or a calender prior to passing the web to the first dryer cylinder group (1) of the paper- or boardmaking machine. One nip (11, 13) supported by a transfer belt (9) is suitable for dewatering simultaneously with the application of a treatment substance to the web. The dewatering nip (11, 13) may be formed between a transfer belt (9) and the wire (2) of the wire section or the felt (14) of the press section.

(FIG. 1)